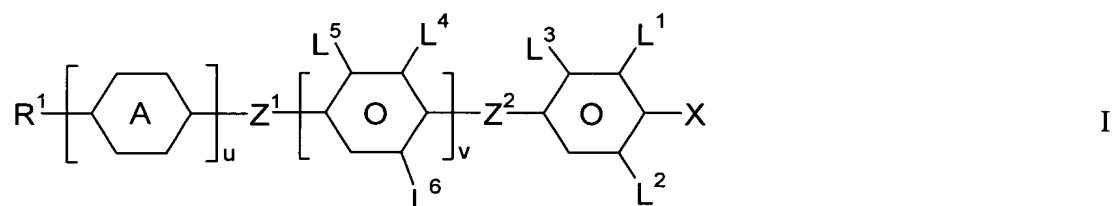


This listing of claims will replace all prior versions, and listings, of claims in the application:

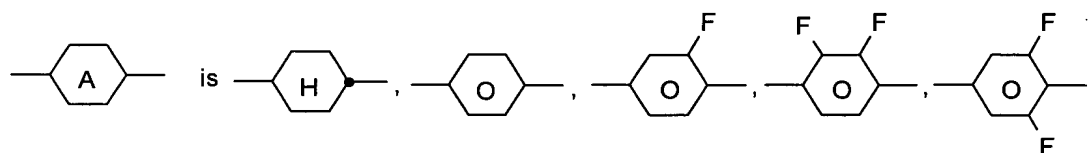
**LISTING OF CLAIMS:**

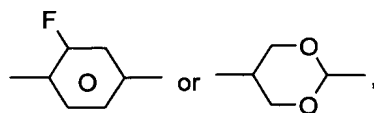
1. (Currently Amended) A liquid-crystalline medium based on a mixture of polar compounds, which comprises one or more compounds of the formula I



in which

$R^1$  is an alkyl radical having from 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or  $CF_3$  or monosubstituted to ~~perhalo-substituted~~ perhalo-substituted by halogen, where one or more  $CH_2$  groups in these radicals, in each case independently of one another, are optionally replaced by  $-O-$ ,  $-S-$ ,  $\text{---}\diamond\text{---}$ ,  $-CH=CH-$ ,  $-C\equiv C-$ ,  $-CO-$ ,  $-CO-O-$ ,  $-O-CO-$  or  $-O-CO-O-$  in such a way that O atoms are not linked directly to one another,





$L^{1-6}$  are each, independently, of one another, H or F,

$Z^1$  is  $-\text{CF}_2\text{O}-$  and  $Z^2$  is ~~are each, independently of one another,  $-\text{COO}-$ , or  $-\text{CF}_2\text{O}-$ ,~~  
~~where  $Z^1 \neq Z^2$ ;~~

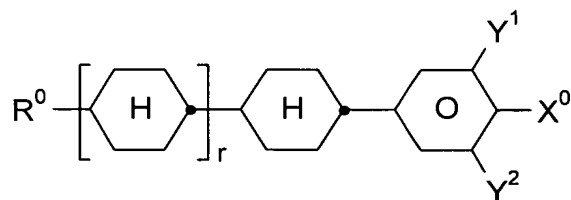
X is F, Cl, CN, OCN, NCS, SCN,  $\text{SF}_5$ , an unsubstituted alkyl or alkoxy radical, a halogenated alkyl radical, a halogenated alkenyl radical, a halogenated alkoxy radical or a halogenated alkenyloxy radical having up to 6 carbon atoms and up to perhalo substitution,

u is 1 or 2, and

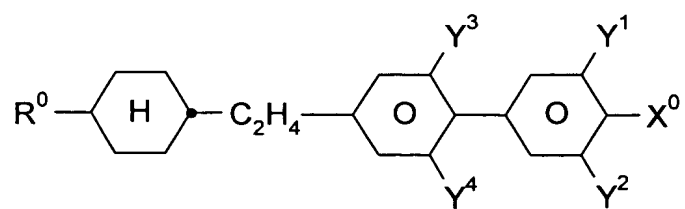
v is 1 or 2,

provided that: when  $R^1$  is alkyl, u is 1, v is 1 and X is F, CN, an alkyl radical, halogenated alkyl radical or a halogenated alkoxy radical; the A ring is not phenyl or fluorinated phenyl.

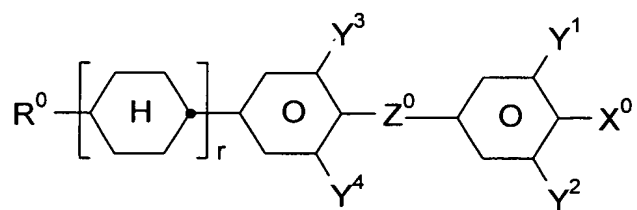
**2. (Currently Amended)** A medium according to Claim 1, which additionally comprises one or more compounds selected from the group consisting of compounds of the formulae II, III, IV, V, VI, VII and VIII:



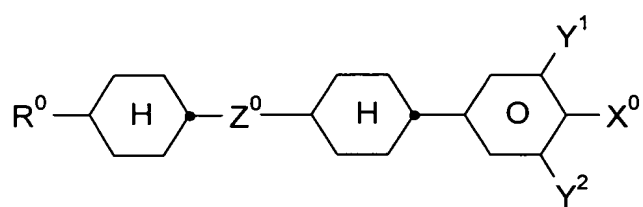
II



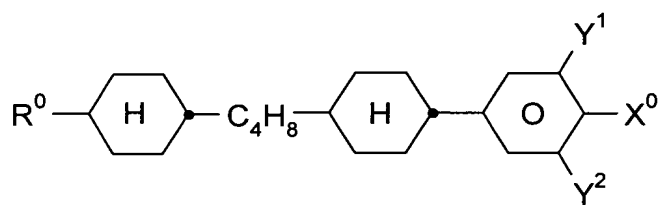
III



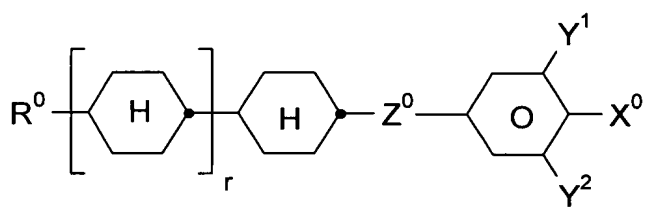
IV



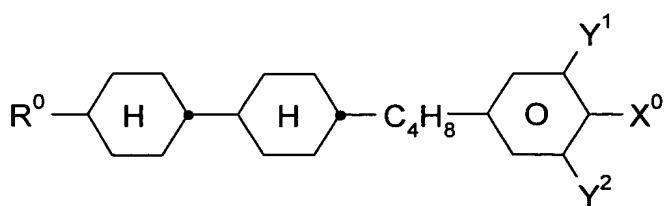
V



VI



VII



VIII

in which the individual radicals have the following meanings:

$R^0$ : n-alkyl, alkoxy, oxaalkyl, fluoroalkyl or alkenyl, each having up to 9 carbon atoms,

$X^0$ : F, Cl, halogenated alkyl, halogenated alkenyl, halogenated alkenyloxy or halogenated alkoxy having from 1 to 6 carbon atoms,

$Z^0$ :  $-C_2H_4-$ ,  $-CH=CH-$ ,  $-CH_2O-$ ,  $-OCH_2-$ ,  $-COO-$ ,  $-OCF_2-$ ,  $-CF_2O-$ ,  $-CF=CF-$ ,  $-C_2F_4-$ ,  $-CH_2CF_2-$  or  $-CF_2CH_2-$ ,

$Y^1$ , ~~and~~  $Y^2$ ,  $Y^3$  and  $Y^4$ : each, independently of one another, H or F, and

r: 0 or 1.

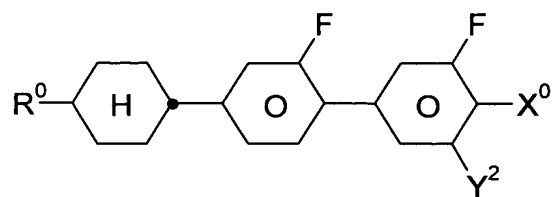
3. **(Original)** A medium according to Claim 2, wherein the proportion of compounds of the formulae I to VIII together in the mixture as a whole is at least 30% by weight.

4. **(Original)** A medium according to Claim 1, wherein the proportion of compounds of the formula I in the mixture as a whole is from 1 to 50% by weight.

5. **(Original)** A medium according to Claim 2, wherein the proportion of compounds of the formula I in the mixture as a whole is from 1 to 50% by weight.

6. **(Original)** A medium according to Claim 2, wherein the proportion of compounds of the formulae II to VIII in the mixture as a whole is from 20 to 80% by weight.

7. **(Original)** A medium according to Claim 1, which further comprises one or more compounds of the formula IVa



IVa

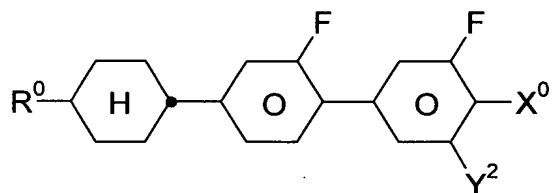
in which the individual radicals have the following meanings:

$R^0$ : n-alkyl, alkoxy, oxaalkyl, fluoroalkyl or alkenyl, each having up to 9 carbon atoms,

$X^0$ : F, Cl, halogenated alkyl, halogenated alkenyl, halogenated alkenyloxy or halogenated alkoxy having from 1 to 6 carbon atoms, and

$Y^2$ : is H or F.

**8. (Original)** A medium according to Claim 2, which further comprises one or more compounds of the formula IVa



IVa

in which the individual radicals have the following meanings:

$R^0$ : n-alkyl, alkoxy, oxaalkyl, fluoroalkyl or alkenyl, each having up to 9 carbon atoms,

$X^0$ : F, Cl, halogenated alkyl, halogenated alkenyl, halogenated alkenyloxy or halogenated alkoxy having from 1 to 6 carbon atoms, and

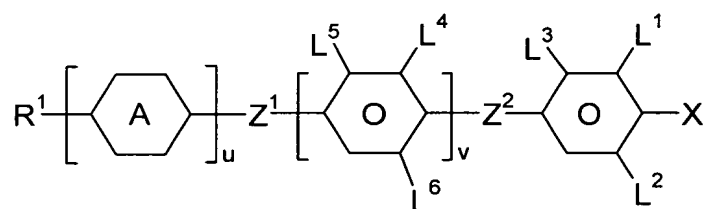
$Y^2$ : is H or F.

9. **(Original)** A medium according to Claim 2, comprising a compound of one of formulae II-VIII wherein  $X^0$  is F,  $OCHF_2$  or  $OCF_3$ , and  $Y^2$  is H or F.


10. **(Original)** A medium according to Claim 7, comprising a compound of formula IVa wherein  $X^0$  is F,  $OCHF_2$  or  $OCF_3$ , and  $Y^2$  is H or F.

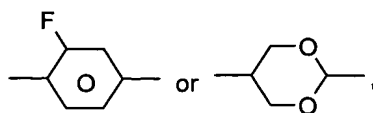
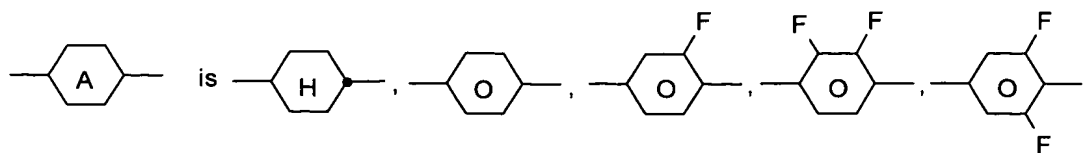
11. **(Original)** A medium according to Claim 1, which comprises a compound of the formula I wherein  $R^1$  is straight-chain alkyl.

12. **(Currently Amended)** A liquid-crystalline compound of the formula I:



in which

$R^1$  is an alkyl radical having from 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or  $CF_3$  or monosubstituted to perhalo-substituted by halogen, where one or more  $CH_2$  groups in these radicals, in each case independently of one another, are optionally replaced by  $-O-$ ,  $-S-$ , ,  $-CH=CH-$ ,  $-C\equiv C-$ ,  $-CO-$ ,  $-CO-O-$ ,  $-O-CO-$  or  $-O-CO-O-$  in such a way that O atoms are not linked directly to one another,



$L^{1-6}$  are each, independently of one another, H or F,

$Z^1$  is  $-\text{CF}_2\text{O}-$  and  $Z^2$  ~~is~~ ~~are each, independently of one another,~~  $-\text{COO}-$ , or  $-\text{CF}_2\text{O}-$ ,  
 where  $Z^1 \neq Z^2$ ;

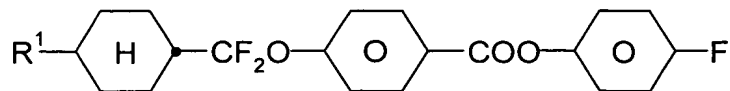
X is F, Cl, CN, OCN, NCS, SCN,  $\text{SF}_5$ , an unsubstituted alkyl or alkoxy radical, a halogenated alkyl radical, a halogenated alkenyl radical, a halogenated alkoxy radical or a halogenated alkenyloxy radical having up to 6 carbon atoms and up to perhalo halogenation,

u is 1 or 2, and

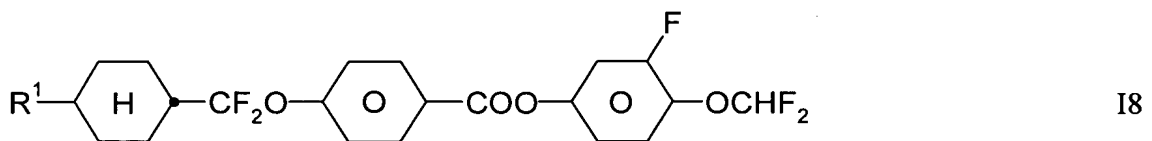
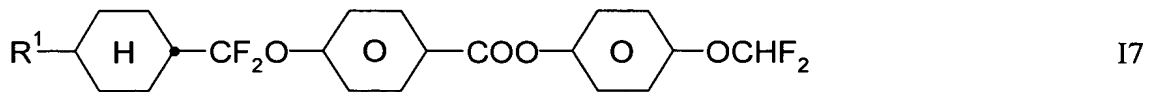
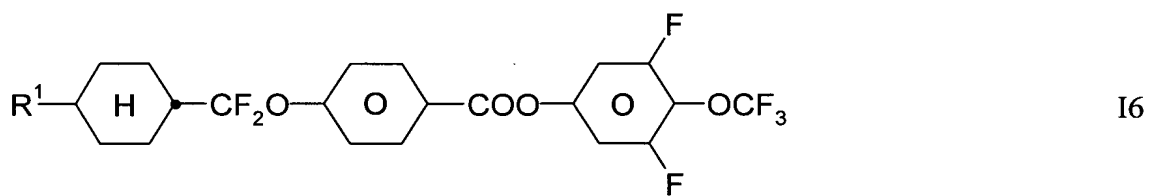
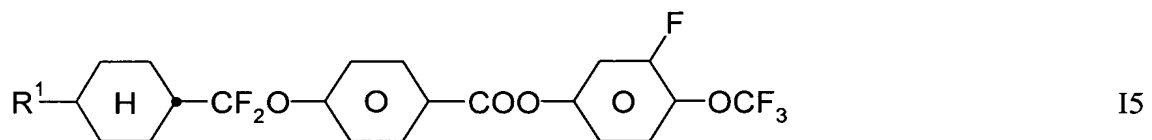
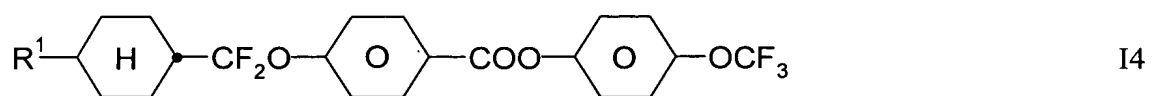
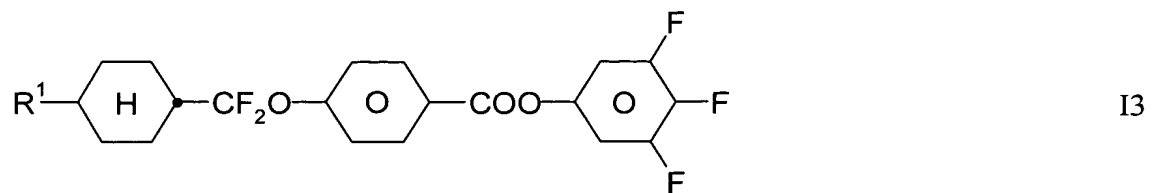
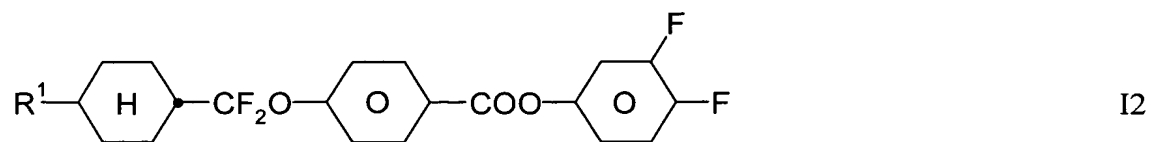
v is 1 or 2,

provided that: when  $R^1$  is alkyl, u is 1, v is 1 and X is F, CN, an alkyl radical, halogenated alkyl radical or a halogenated alkoxy radical; the A ring is not phenyl or fluorinated phenyl.

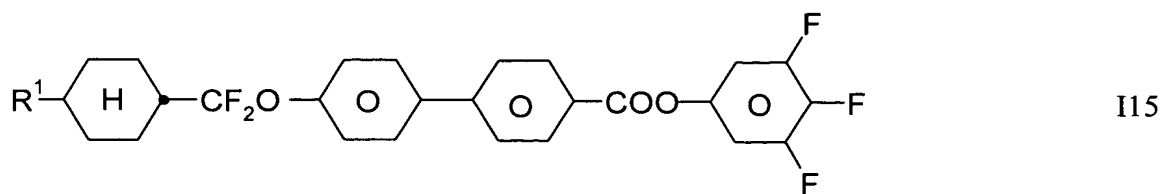
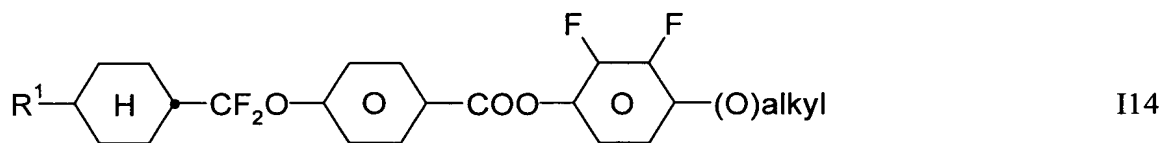
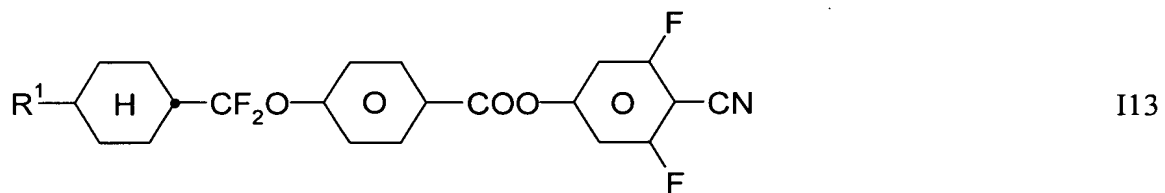
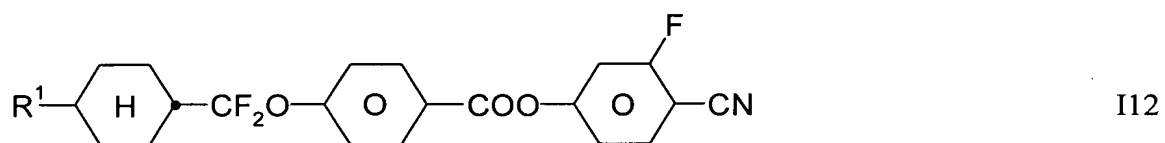
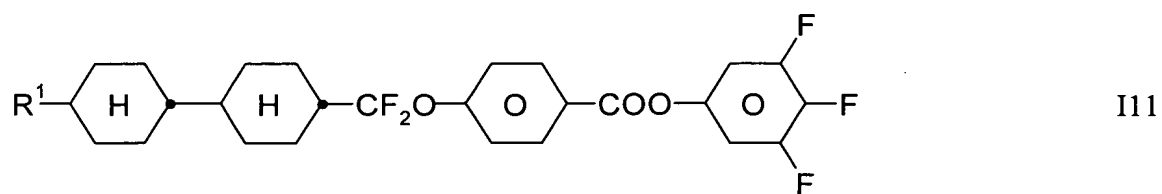
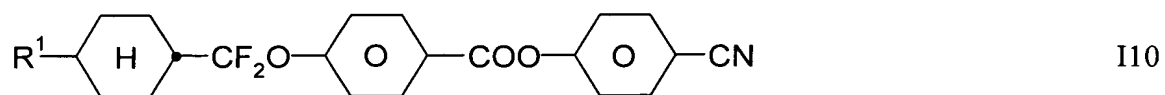
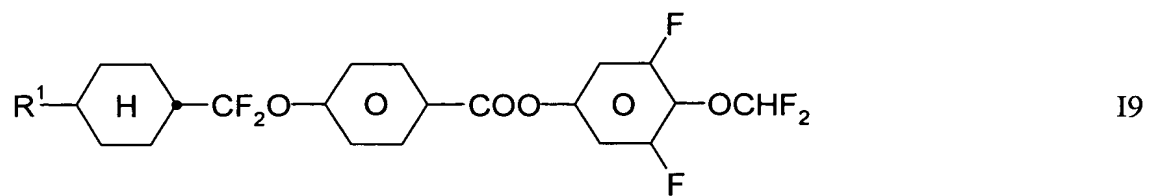
**13. (Currently Amended)** A liquid-crystalline compound of one of the formulae I1 to I32

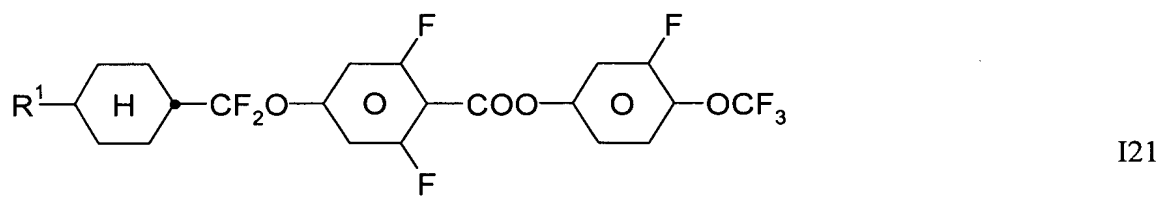
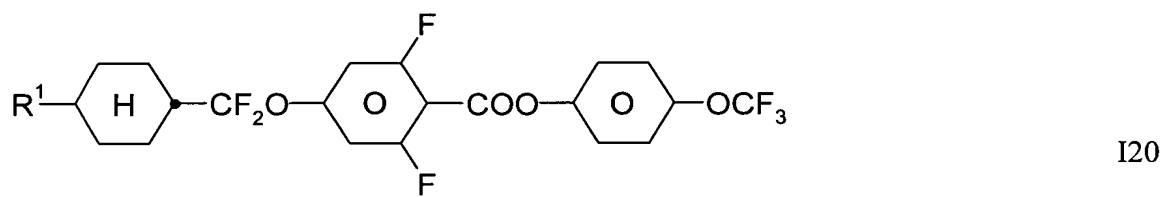
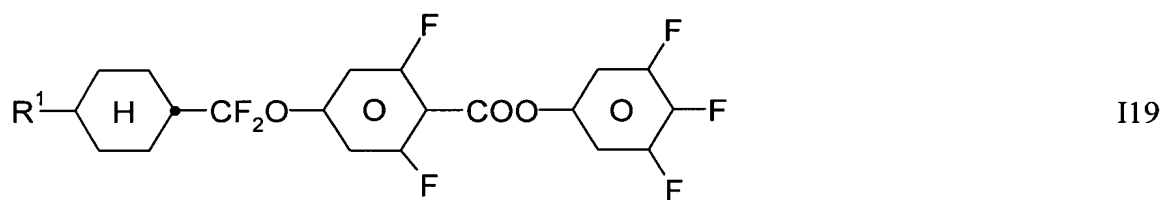
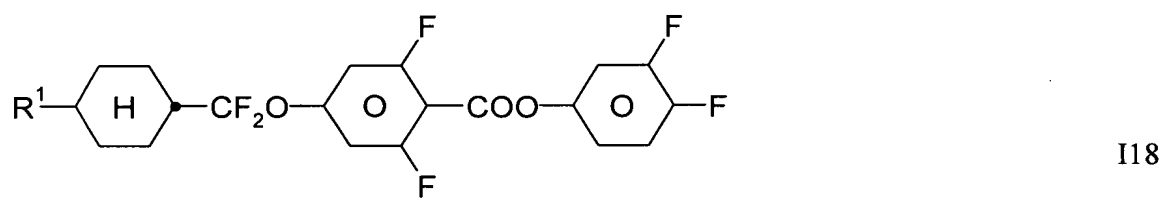
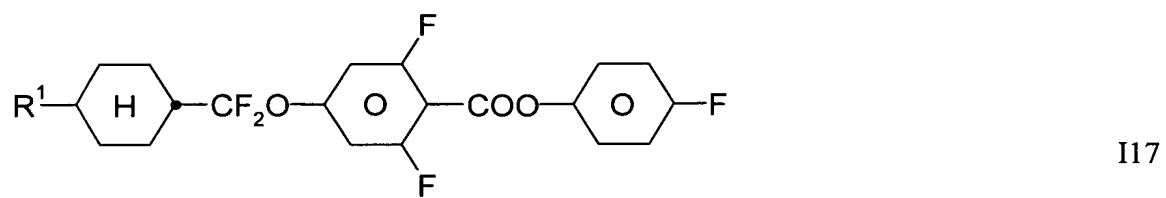
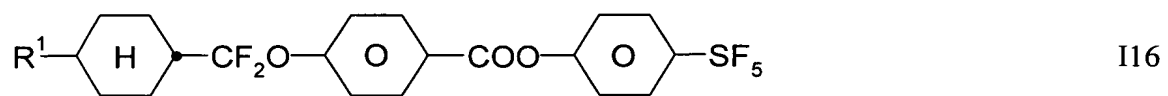


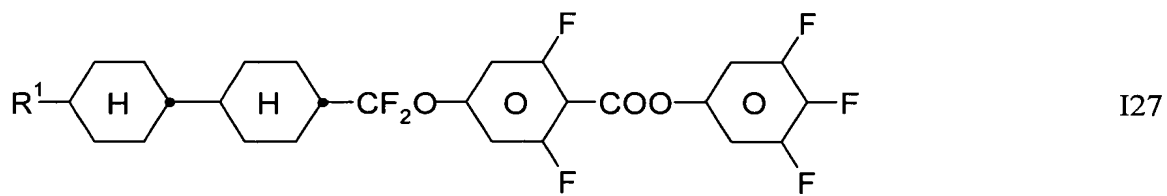
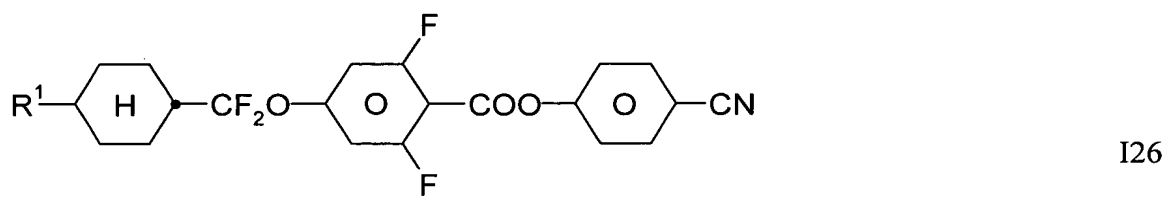
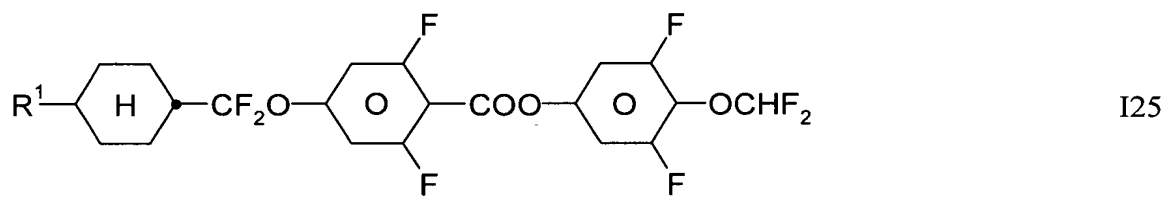
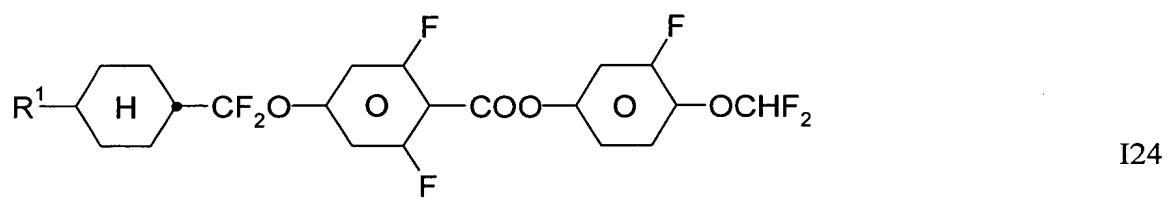
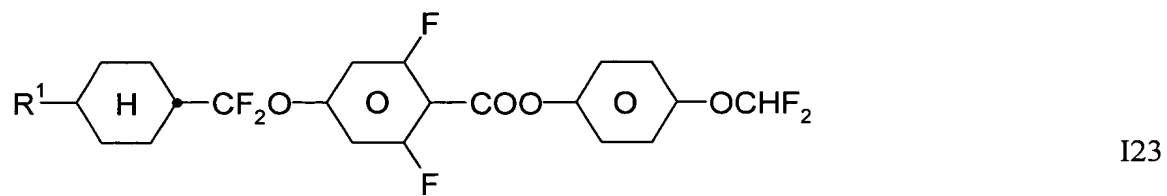
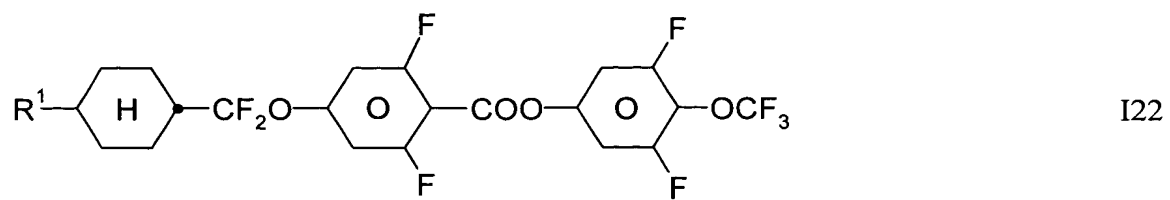
I1

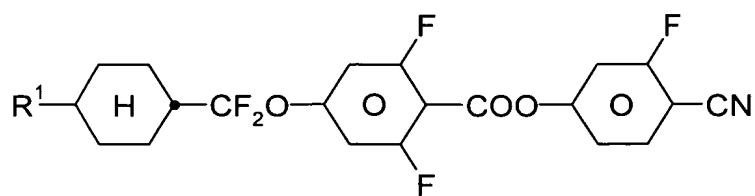




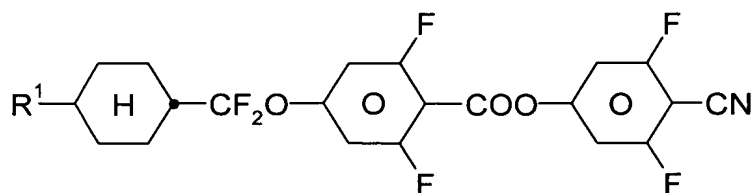




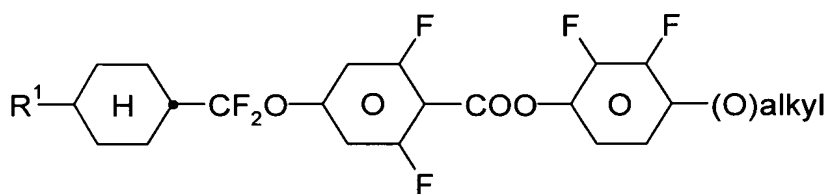




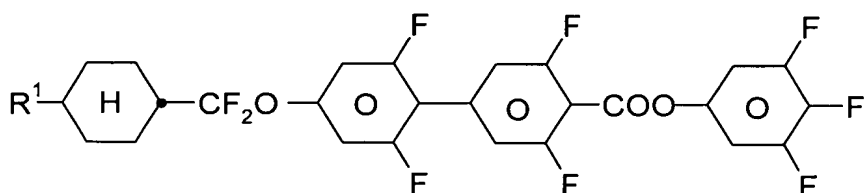
I28



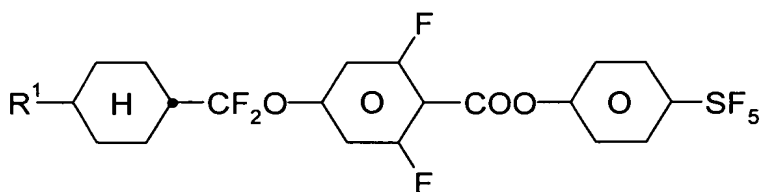
I29



I30

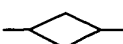


I31



I32

in which

$R^1$  is an alkyl radical having from 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or  $CF_3$  or monosubstituted to ~~perhalo-substituted~~ perhalo-substituted by halogen, where one or more  $CH_2$  groups in these radicals, in each case independently of one another, are optionally replaced by  $-O-$ ,  $-S-$ , ,  $-CH=CH-$ ,  $-C\equiv C-$ ,  $-CO-$ ,

-CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another, and

(O)alkyl is a straight-chain or branched alkyl or alkoxy group having 1-7 carbon atoms.

**14. (Original)** An electro-optical liquid-crystal display containing a liquid-crystalline medium according to Claim 1.

**15. (Original)** A display of claim 14, which is an MLC, TN or STN display.

**16. (Original)** A medium according to claim 1, which has a TN threshold below 2.0V.

**17. (Original)** A medium according to claim 1, which has a rotational viscosity at 20°C of <180 mPa·s.

**18. (Original)** A medium according to claim 2, which consists essentially of compounds of the formulae I to VIII.